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SIMULATION NETWORK

FINAL REPORT

**PETER W. GLYNN
DONALD L. IGLEHART**

MARCH 28, 1996

U.S. ARMY RESEARCH OFFICE

GRANT # DAAL-03-91-G-0319

**STANFORD UNIVERSITY
DEPARTMENT OF OPERATIONS RESEARCH**

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Peter W. Glynn
7. **List of Manuscripts Submitted or Published Under ARO Sponsorship During this Reporting Period, Including Journal References:**
See attached page.
8. **Scientific Personnel Supported by this Project and Degrees Awarded During this Reporting Period:**

Personnel Supported:
Peter W. Glynn, Associate Professor and Co-Principal Investigator

Students:

Shane Henderson	01/01/94 - 12/31/94
Sandeep Kumar Juneja	01/01 - 03/31/92, 01/01/93 - 08/31/93
Tava Maryanne Lennon	07/01/92 - 08/31/92
Erika Schraner	06/01/92 - 08/31/92
Marcelo Torres	10/01/92 - 06/30/93
Eugene Wong	05/01 - 08/31/92, 10/01 - 12/31/93, 03/28 - 06/8/94
	9/26 - 12/31/94 and 01/01/95 - 2/28/95
Tzu-Hui Yang	04/01 - 06/30/92, 06/16 - 08/31/93, 09/16 - 03/31/94, and 01/01/94 - 12/31/94

Degrees Awarded:

 - Diane Erdmann, Ph.D. (Operations Research)
 - Sandeep Juneja, Ph.D. (Operations Research)-actual conferral date 3/31/94
 - Craig Kollman, Ph.D. (Statistics)
 - Tava Maryanne Lennon, Ph.D. (Operations Research)
 - Tzu-Hui Yang, Ph.D. (Operations Research)
9. **None**

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MANUSCRIPTS SUBMITTED OR PUBLISHED UNDER ARO SPONSORSHIP

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MAJOR ACCOMPLISHMENTS

SNET is a simulation network, centered at the Department of Operations Research at Stanford University, that is intended to act as a forum for the discrete-event stochastic simulation community. The network moderator sends out regular newsletters on matters of common interest to all network subscribers. Over the course of this contract, the network moderators were Tzu-Hui Yang and Shane Henderson. Other students acted to maintain the system and/or add new utilities to SNET.

The network currently serves over 300 subscribers. These subscribers used the mailing facility over 350 times and the paper library over 120 times. In addition, the network:

- (1) provides a capability for SNET to act as an electronic "go-between" that allows subscribers to send email messages to other subscribers without explicit knowledge of the intended recipient's email address;
- (2) collects electronic versions of papers and/or abstracts both from individuals and the following journals:
 - Advances in Applied Probability
 - Journal of Applied Probability
 - Management Science
 - Probability in the Engineering and Informational Sciences
 - The Annals of Applied Probability
 - The Annals of Probability
 - The Annals of Statistics
 - ACM Transactions on Modeling and Computer Simulations
 - Queueing Systems
- (3) some software is also available through a network library.

We are currently exploring various ways in which network resources can potentially be made available through the World-wide Web. This would open access to a much broader user base than is currently possible.

Recently, Shane Henderson opened an SNET page on the world-wide web; the address is:

<http://www-or.stanford.edu/~snet/>

This opens access to a much broader user base than was previously possible.